

Characteristic:

The measuring probe is a 2000 mm long lance and incorporates three temperature sensors:

- 1 - at the tip of the lance of the lance,
- 2 - at a distance of 750 mm from the tip and
- 3 - at a distance of 500 mm from the end of the lance.

The tip of the lance that is driven into the compost has a rounded head so that the components of the compost are not encountered in it. It is powered with batteries and the data is transmitted wirelessly.



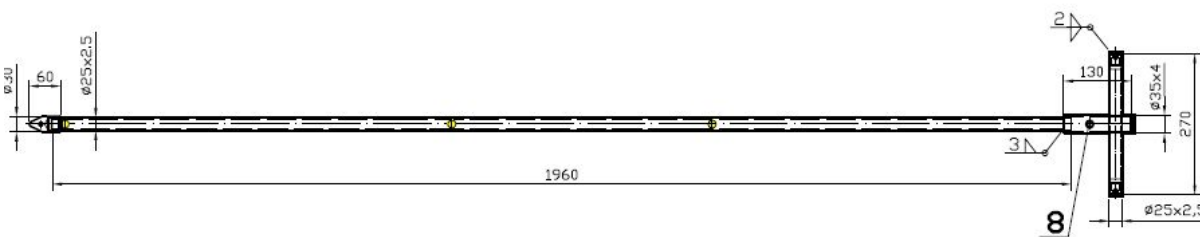
Technical specification:

| | |
|---|---|
| Supply voltage: | 3,6 VDC |
| Power consumption: | 600 uA |
| Protection of the power circuit: | 200 mA |
| Connectors: | SMA antenowe |
| Delay at the power connector: | 15 s |
| Temperature effect: | - |
| Configuration: | With the ability to configure the software |
| Indicators: | lack |
| Construction: | Housing made of stainless steel, welded and screwed to ensure tightness of the device |
| Working conditions: | -20° do +100° C; |

KSK developments Compost temperature lance

| | |
|--|---|
| Dimensions: | Length: 2100 mm Height: 270 mm Width: 38 mm |
| Payment class by UL 94: | V0 |
| Connection: | 2.4GHz wireless connectivity |
| Ingress protection: | IEC IP67 |
| Shock resistance and vibration: | IEC 68-2-6 and IEC 68-2-7 Mechanical: 3g, 11 ms half sinusoid, 18 shocks Vibration: 0.5 mm p-p, 10 to 60 Hz |
| Communication protocol: | 2.4 GHz IEEE 802.15.4 |

Dimension specification:



Indication:

The product is marked with CE

Warnings:

Incorrect use:

KSK Developments allows the device to be used only for its intended purpose, ie to monitor sensor parameters.

KSK Developments is not liable for any damage resulting from misuse of the system.

Incorrect connection:

This device is intended for use with a rated voltage of 3.6 V. The connection of a different voltage can cause irreparable damage to the equipment.

KSK Developments accepts no liability for any damage resulting from incorrect connection of the device.

About:

This document is reference material for the vehicle magnetic detection system from KSK Developments Sp. Z.O.O.

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